

ABSTRACT OF THE DISCLOSURE

A communicating apparatus is disclosed which has been connected to both of the IPv4 network and the IPv6 network for converting an IPv4 multicast packet into an IPv6 multicast packet. The communicating apparatus, which has held the IPv6 multicast addresses, holds the IPv4 multicast addresses of a multicast group on the IPv4 network and the held IPv6 multicast addresses in correspondence with each other, said communicating apparatus having been a member of said multicast group. Moreover, the communicating apparatus converts the IPv4 multicast address of the received IPv4 multicast packet into the IPv6 multicast address held in correspondence with the IPv4 multicast address, then transmitting the multicast packet to the IPv6 network.

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